

Important Signal Achievements:-

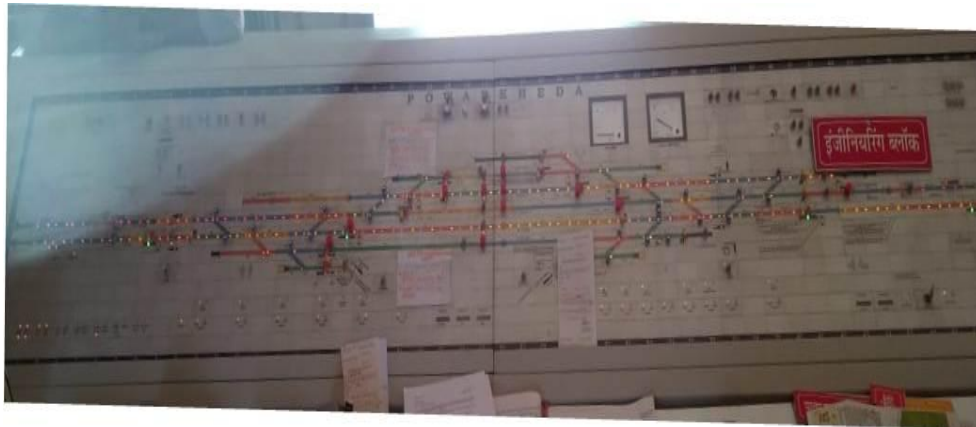
1.Regarding Third line, Bhopal-Bina section mid Nishatpura station was commissioned on 23.06.18.



2. Regarding Third Line, RH-1 was commissioned between BNI-PRKD Automatic Section on 13.11.18.



3. Regarding Third Line, Pawarkheda Station station was commissioned on 02.10.2018.



4.In 2018-19, following stations are converted from std(I)R to std(II)R interlocking.

Stations	Date
BRRG	22.03.18
BDWS	30.03.18
KLRS	06.05.18
SFY	15.07.18

5. In 2018-19, block panel with UFSBI was installed in KLRS-BDWS section on 25.10.2018.



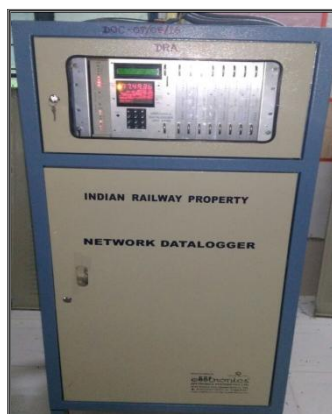
6. In 2018-19, BPAC installed in KLRS-BDWS section(single line) on 25.10.2018.

7. In 2018-19, Dual BPAC with High Redundancy installed on following sections:-

S.No.	Sections	Installation Date
1	GLG-PABAI Mid-Line	23.06.2018
2	GLG-SUMR Up-Line	11.09.2018
3	BHS-SORAI Up-Line	31.10.2018
4	CAER-CRK	31.10.2018

In this way, provision of Dual-BPAC has been provided in 39 Block sections .

8. In 2018-19, 6 nos old datalogger equipments are replaced with new Efftronics make Datalogger at SHRN, HBJ, ITY, CHQ, PRKD, LC226. 3 new dataloggers are also installed at BDWS, KLRS and LC238 in this year. So far, Datalogger has been installed at 131 locations in the division.



9. In 2018-19, 2 nos HBL Make IPS commissioned at LC238 & LC241AA. Also 2 nos of Amara raja make and Sukhila make IPS commissioned at BDWS and KLRS station.



LC238 IPS

LC241AA IPS

BDWS station IPS

KLRS station IPS

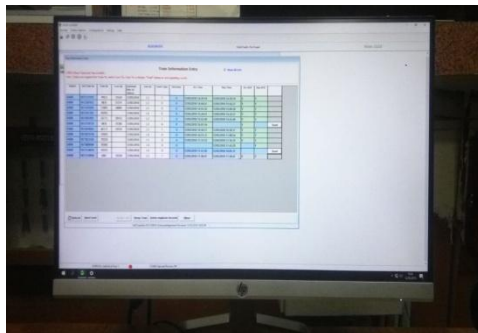
10. In 2018-19, For increase reliability of LC gates, colour coding done on sliding boom.



11. Electrical lifting barrier in place of mechanical lifting barrier installed at LC-41 (ASKN-RIKA) on 30.09.2018.

12. COA terminal based on datalogger commissioned at following stations:-

S.No.	Locations	Commissioned on
1	JHP	31.07.2018
2	SHRN	09.08.2018
3	MDVK	14.09.2018
4	RTA	31.10.2018
5	ET	13.11.2018



13. Fuse alarm system provided in Relay room of CHLT, GLG-PABAI IBS & PABAI BAQ IBS.



14. Automatic media change-over modem commissioned at following locations :-

S.No.	Stations	Commissioned on
1	ODG-BKA IBS	21.05.2018
2	PAI-BAQ IBS	27.10.2018
3	KIKA-BINA IBS	24.11.2018



15. E1 modems provided at 15 stations of BPL Division to enhance speed of datalogger network.

Important Telecom Achievements

1. Electronic display system for paperless reservation charts has been commissioned at BIN station on 28/09/2018.



2. LC gate communication system with voice recording facility (As per RDSO specification No. RDSO/SPN/TC/51/2011) have been provided at 73 Non interlocked LC gates connected with 44 stations of BPL Divn.



3. Electronic exchanges have been replaced by Siemens make exchanges at NSZ, HBJ/DRM office & Goods Yard/Itarsi.



4. CCTV cameras have been installed at 6 level crossing gates over Bhopal Division (LC-119, LC-222, LC-204, LC 223, LC-77 & LC-231). 5 Cameras have been installed at each LC gates.



5. Wireless connectivity have been commissioned in SVPI-PARH, PARH-MOJ, MOJ-GHAI & GHAI-PNHR sections for reliable block working.



6. EC sockets have been commissioned in SVPI-PARH (36 Nos.) PARH-MOJ (31 Nos) sections on GUN- GWL route.
7. STM-1 FIBCOM make & MUX- Webfil make have been installed at SHRN station. 16 Nos. STM-1 of Ordyn make have been replaced with STM-1 of FIBCOM make in BIN-GUN section.13 Nos. STM-1 of UT Star make have been replaced with Tejas make STM-1 in KNW-HD section.
8. PA system has been installed at Medicine distribution Cell in Railway Hospital Nishatpura.
9. 24 ports IP DSLAM have been installed at GUN & BHS for Railnet.
10. MAPLE-4C equipments have been installed for BPAC between BIN-KIKA, BIN-MDVK, MINA-BDWS , BDWS-KLRS, SVPI-PARH & PNHR-GWL sections.
11. Terminal servers have been released by extending terminal server port from BPL PRS at GPO,CPO,MCO Non Railhead PRS.
12. UTS connectivity have been provided at TTE lobbies ET & BPL for computerization of TTE lobby.
13. BSNL WLL Phones of 21 stations have been replaced by BSNL postpaid GSM SIM with FWP phone as BSNL WLL phone service closed by BSNL.
14. Microcontroller based ELD has been installed at MTA, MDDP, HBJ, MUO, BKA, CHQ, MSO, ITKL, SCI & SORI station for monitoring of 6 Quad cable.
15. 1 No. GPS clock has been installed at SCI station.

16. Wi-Fi with 5 access points has been commissioned in NSZ Railway hospital on 24-12-2018.
17. 65 inch LED TV & desktop computer have been installed at DRM meeting hall No. 2.
18. Internet bandwidths have been upgraded from 10 Mbps to 30 Mbps between HBJ-ET & HBJ-NSZ.
19. Railnet bandwidth has been upgraded from 80 Mbps to 100 Mbps of
20. Maintenance free earths have been provided at IBH-ODG-BKA , IBH -HBJ-BPL and at 13 stations in ET-KNW section
21. 48V Solar panel has been installed at PARH station for battery charging of OFC installation.
22. RC circuits have been transferred on E1 in BPL-ET-KNW sections.
23. BPL-NSZ-FOIS circuit has been transferred on E1.

Passenger Amenities provided over Bhopal Division.

Sr. No.	Item	Year					Total
		Upto 2015	2015-16	2016-17	2017-18	2018-19 (Upto Jan)	
1.	POET	7	--	---	--	--	7
2.	KIOSk Based POET	--	7	--	--	--	7
3.	UTS	78	1	--	1	--	80
4.	PRS	41	--	--	--	-1	40
5.	Digital Clocks (GPS)	05	--	06	--	--	11
6.	FOIS System	23	1	-	--	--	24
7.	Electronics Exchange	18	--	---	--	--	18
8.	At a Glance	05	--	02	--	--	07
9.	Coach Indication	04	--	02	--	--	06
10.	5 Line Display Board	05	--	---	--	--	05
11.	Public Announcement System	85	01	01	01	--	88
12.	50 Watt VHF sets	05	--	--	--	--	05
13.	25 Watt VHF sets	80	01	01	01	--	83
14.	Paperless reservation charts	03		--	--	01	04
15.	Reservation Availability Position Information Display (RAPID)	02	--	--	--	--	02
16.	True color display board	02	--	--	--	--	02
17.	Comprehensive Train information display system	07	--	--	--	--	07
18.	Integrated Security system (ISS)	Cameras- BPL-87 Nos. ET-74 Nos		--	--	--	02

